

COURSE OUTLINE

1. GENERAL

SCHOOL	SCHOOL OF SOCIAL SCIENCES		
ACADEMIC UNIT	PSYCHOLOGY		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	Ψ4403	SEMESTER	6 th
COURSE TITLE	NEUROPSYCHOLOGICAL ASSESSMENT		
COURSE INSTRUCTOR	CHRYSOULA ZOURARAKI Adjunct Professor Neuropsychology		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
Lectures, case studies, administration and scoring of neuropsychological tasks	3	6	
COURSE TYPE	Skills development		
PREREQUISITE COURSES:	Methodology of scientific research in social sciences I		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://elearn.uoc.gr/course/view.php?id=978 (password required)		

2. LEARNING OUTCOMES

Learning outcomes
<p>The aim of the course is to introduce and train students in (a) the design and completion of small scale studies in neuropsychology, (b) literature search in electronic databases, (c) the administration and scoring of neuropsychological tests, (d) statistical analyses of the collected data with JAMOVI software and (e) writing of the research findings</p> <p>Upon successful completion of the course students are expected to be able to</p> <ul style="list-style-type: none"> • Adequately review the literature of interest in order to design novel studies • Design a small scale study with healthy participants tested with selected neuropsychological tasks • Write a research paper with their study findings
General Competences
<ul style="list-style-type: none"> • Search for, analysis and synthesis of data and information, with the use of the necessary technology • Decision-making • Working independently

- Team work
- Production of new research ideas
- Respect for difference and multiculturalism
- Criticism and self-criticism
- Showing social, professional and ethical responsibility and sensitivity to gender issues
- Production of free, creative and inductive thinking

3. SYLLABUS

Table of contents

Lecture 1.	Use of electronic databases and literature search.
Lecture 2.	Introduction to research design.
Lecture 3.	Research protocol writing and preparation
Lecture 4.	Training in the administration and scoring of neuropsychological tasks I
Lecture 5.	Training in the administration and scoring of neuropsychological tasks II
Lecture 6.	Writing the introduction and methodology sections of a research paper
Lecture 7.	Introduction to JAMOVI for statistical analyses
Lecture 8.	Entering data in JAMOVI
Lecture 9.	Entering data in JAMOVI
Lecture 10.	Performing statistical analyses
Lecture 11.	Oral presentation of results
Lecture 12.	Writing the results and discussion sections of a research paper
Lecture 13.	Revision lecture, summarization of the main topics covered during the semester.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY.	Face-to-face		
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Lectures using ICT Presentations of case studies Communication with students and delivery of all course material via the e-learn platform		
TEACHING METHODS	<i>Activity</i>	<i>Semester workload</i>	<i>ECTS</i>
	Lectures	39	1,56
	Literature Review	25	1
	Design and conduction of the study	50	2
	Writing a research paper	35	1,4
	Course total	149	5,96
STUDENT PERFORMANCE EVALUATION	I. Preparation of the research protocol (10%) II. Writing the introduction and methodology of the study		

	<p>(20%)</p> <p>III. Recruitment of participants and completion of testing (20%)</p> <p>IV. Statistical analyses (10%)</p> <p>V. Writing the results (10%)</p> <p>VI. Final complete research paper (30%)</p> <p>The evaluation criteria are given during the first lecture of the course and are constantly accessible to students via the website of the course.</p>
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5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Lezak, M. D. (2009). *Νευροψυχολογική εκτίμηση* (Επιμέλεια ελληνικής έκδοσης Λ. Μεσσήνης, Μ. Κοσμίδου, Π. Παναθανασόπουλος). Αθήνα: Εκδόσεις Gotsis.
- Martin, G.N (2011). *Νευροψυχολογία: Εγκέφαλος και συμπεριφορά* (Επιμέλεια ελληνικής έκδοσης Χ. Τσορμπατσούδης). Αθήνα: Εκδόσεις Έλλην.
- Σίμος, Π., & Κομίλη, Α. (2003). *Μέθοδοι έρευνας στην ψυχολογία και τη γνωστική νευροεπιστήμη*. Αθήνα: Εκδόσεις Παπαζήση.
- Strauss, E., Sherman, E. M. S., & Spreen, O. (Eds.) (2006). *A compendium of neuropsychological tests*. New York, N.Y.: Oxford University Press.
- Darby D., Walsh K. (2008). *Νευροψυχολογία* (Επιμέλεια ελληνικής έκδοσης Ν. Καλφάκης, Κ. Πόταγας). Αθήνα: Εκδόσεις Παρισιάνου.

Related academic journals:

- Neuropsychologia
- Neuropsychology
- Journal of Neuropsychology
- Archives of Clinical Neuropsychology
- Clinical Neuropsychologist